Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Previously Presented) A medical patient simulator, in particular a simulator for simulation of an infant, comprising:

a torso containing at least one artificial lung and a sternum;

a chest skin placed at least partially on the outside of the torso;

a means for pulling down the chest skin providing an external visible depression of the skin below the sternum of the torso; and

where the means includes a mechanism adapted to pull the chest skin in a synchronous fashion with the at least one lung raising and lowering the chest.

2. (Previously Presented) A medical patient simulator according to Claim 1, wherein the chest skin has an elastic pulling strap attached to the inside of the skin approximately in the middle of the area where retractions occur.

3. (Previously Presented) A medical patient simulator according to Claim 2, wherein the mechanism is a pneumatic mechanism.

4. (Currently Amended) A medical patient simulator, in particular a simulator for simulation of an infant, comprising:

a torso containing at least one lung, with the option of altering the compliance of the at least one lung, where the at least one lung is ~~arranged~~ disposed between a first and second plate in the torso, the spacing of the plates being adjustable, the second plate being fixed relative to the torso, and the first plate being movable relative to the torso;

a pneumatically driven mechanism being adapted to force the first plate towards the second plate, the pneumatically driven mechanism including a bellows;

and a flexible means connecting the pneumatically driven mechanism to the second plate to provide the force between the first and second plate.

5. (Canceled)

6. (Canceled)

7. (Previously Amended) A medical patient simulator, in particular a simulator for simulation of an infant, comprising:

a torso, for simulation of muscle activity in a patient;

the torso having at least two actuators, the first and second actuator being arranged on the right and left sides, respectively, of the backside of the torso;

wherein the at least two actuators are being designed to be operated in at least the following modes:

a mode for simulation of normal muscle movement, alternate and regular activation of the at least two actuators on the left and right sides;

a mode for simulation of muscle spasms, rapid and irregular activation of the at least two actuators on the left and right sides; and

a mode for simulation of defibrillation, rapid activation of the at least two actuators simultaneously, once for each defibrillation.

8. (Previously Presented) A simulator according to Claim 7, wherein the at least two actuators are air cushions.

9. (Previously Presented) A system for controlling different pneumatic functions in a patient simulator, the system comprising:

measuring a pressure which is representative for each individual actuator and stopping the filling when a pre-determined pressure is reached;

using a pressure sensor for measuring the representative pressure, the sensor being disposed at a distance from the actuator and a nozzle being disposed upstream of the pressure sensor for neutralizing the pressure difference between the pressure sensor and the actuator.

10. (Previously Presented) A medical patient simulator, in particular a simulator for simulation of an infant, comprising:

a head; where one or more air cushions are arranged in at least one fontanelle area on the head of the simulator, and where the one or more air cushions are designed to be filled with air in order to simulate an increased pressure in the brain and provide a swelling in the fontanelle area.

11. (Previously Presented) The medical patient simulator of claim 4 further comprising a third and fourth plate in the torso, and the bellows arranged between the third and fourth plate.

12. (Previously Presented) The medical patient simulator of claim 4, wherein the flexible means is an elastic strap.

13. (Previously Presented) The medical patient simulator of claim 11, wherein one of the third and fourth plates is the first plate and is arranged over the lung.

14. (Previously Presented) The system of claim 9, wherein the pressure sensor is arranged in a branch line at a distance from the actuator.